

Environmental Contaminants

Environmental Contaminants	2002 Actual	2003 Estimate	Uncontrol. & Related Changes (+/-)	Program Changes (+/-)	2004 Budget Request	Changes from 2003 (+/-)
Environmental (\$\$\$) Contaminants FTE	10,579 110	10,780 110	+94 0	-69 -4	10,805 106	21
Environmental (\$\$\$) Contaminants FTE	10,579 110	10,780 110	+94 0	-69 -4	10,805 106	+25

2004 PROGRAM OVERVIEW

Conservation through Cooperation, Communication and Consultation

The Environmental Contaminants (EC) program uses a cooperative and collaborative approach with other federal agencies, states, tribes, local governments, foreign governments and private citizens to identify and minimize contaminant related risks in the environment and to restore resources injured by contamination. Within this context, the EC program focuses its efforts in 4 priority areas:

Priority Areas

- identifying contaminant sources and appropriate management measures to avoid impacts to trust resources
- restoring habitats and communities impacted by contaminants
- technical assistance to cooperating agencies in order to prevent or minimize contaminant impacts
- prevention and preplanning to minimize contaminant sources and to provide accelerated responses to contaminant releases

The Service, through the EC, contributes directly to the DOI Draft Resource Protection end goal of Improving the Health of Watersheds and Landscapes Under DOI Management or Influence by implementing strategies to restore and maintain the proper function of watersheds and landscapes. EC specialists will, in conjunction with federal, state, and local government agencies as well as academicians and non-governmental organizations, determine the sources and impacts of known and/or suspected contamination on and off Service lands. These actions allow for management decisions and actions to eliminate or minimize those identified problems. Service personnel are integrated into spill prevention activities and will continue to actively participate in formulating local and regional response plans for oil spills and hazardous material releases, and in oil spill and hazardous material drills.

EC specialists will continue to provide technical assistance on the development and evaluation of National Pollution Discharge Elimination System permits and Total Maximum Daily Loads by fulfilling data needs regarding contaminant-related impacts to Service lands and other habitats associated with trust resources. These activities proactively support the conservation of trust resources by reducing or eliminating threats on and off Service lands prior to their occurrence. The Service will also continue to review and formulate watershed management plans for watersheds within Service Refuge Lands.

The Service also contributes directly to the DOI Draft Resource Protection end goal of Sustaining Biological Communities on DOI Managed and Influenced Lands and Waters. Service specialists will

continue their partnerships with federal, state, and local entities, non-governmental organizations and private citizens to aid in conserving species and communities through technical assistance and review of management plans for species and their habitat. These specialists also will provide expertise to governmental (federal, state, and local agencies), and non-governmental (institutions, universities, and private citizens) researchers to evaluate, modify and develop appropriate testing methodologies and procedures to ascertain impacts of contaminants on species and biological communities.

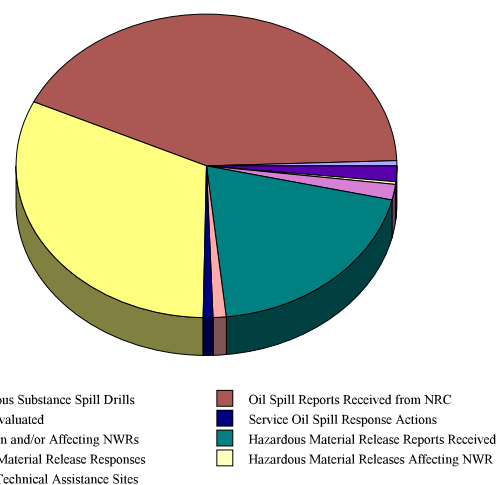
The Service will continue to monitor the impacts of contaminants on trust resources through special studies both on and off Service lands. These special studies provide information to support management decisions on the conservation of trust resources by our continued communication, cooperation and consultation with federal, state, local and non-governmental entities.

2002 Program Performance Accomplishments

With the \$10.6 million appropriated in FY 2002, the E.C. program helped the Service, other federal agencies and state agencies, industry and the general public accomplish critical elements within its priority areas. The E.C. program does not have any FY 2002 annual performance goals/measures to report on under GPRA. As a result, the programs accomplishments are noted below.

- The Service completed 39 contaminant investigations and 24 Natural Resource Damage Assessment and Restoration (NRDAR) related activities, which resulted in the restoration of 76 miles of riparian habitat and 5,499 acres of wetlands and upland habitat. Examples include providing technical assistance for weed management and improvement of riparian habitat for threatened and endangered fishes in the Truckee River; completed Phase I of the Anacapa Island Seabird Habitat Restoration project to eliminate non-native black rats from the island and restore the seabird communities, modifying land management practices on a wetland reserve conservation easement property to eliminate threats to endangered piscivorous birds from exposure to contaminants and completed 14 watershed-based contaminant assessments, and nine contaminant clean-up projects on National Wildlife Refuges (NWRs).
- EC specialists performed 12,800 Section 7 consultations on Clean Water Act (CWA) decisions by the U.S. Environmental Protection Agency, and 7,834 CWA reviews for state and local entities. These were done in partnership with NWRs, Fisheries program, other federal agencies (e.g. FERC, EPA), states, local government and local citizenry.
- EC specialists provided technical assistance on 378 Integrated Pest Management actions, evaluation of 1,432 Pesticide Use Proposals, and 170 consultations on pesticide use and registration. These actions helped to prevent unnecessary impacts to Service lands and facilitate continued activities such as control of invasive species.
- The Service is the only federal agency with natural resource trustee

Oil Spill Related Activities
FY2002 Actual



responsibilities for both inland and coastal oil spills. The Service was involved in 13,913 spill prevention activities and responses, including 9,158 technical evaluations of oil spills (338 of which were on NWRs) as well as actively participated in 173 oil spill drills and partnered with federal, state and local governments in developing local, regional and national contingency plans. Service personnel worked in cooperation with NOAA, U.S. Coast Guard, EPA, state natural resource agencies and the public.

- The Service responded to over 6700 technical assistance requests from federal, state, tribal and local governments activities on issues including: review of integrated natural resource management plans for the Department of Defense, biological technical assistance groups (BTAGs) to EPA for superfund activities, risk assessments, Army Corps of Engineer construction projects, and restoration actions as well as provided objective, scientific evaluations of remediation and emergency actions on Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) actions.
- Assistance was provided to other Service programs on 2,002 separate projects including pre-acquisition surveys, use of specific construction materials, NPDES permit reviews from Service facilities, design and implementation of scientifically valid methods for studies and monitoring of restoration actions.
- EC specialists also provided technical expertise to outreach personnel regarding spills, law enforcement investigations, and endangered species programs to assist with impacts to critical habitat and listed species. (I.E. assessing chemical contamination of hatchery fish food and assistance to law enforcement special agents investigating poisoning of wildlife).

2003 Performance Goal Estimates

The Service will continue to work with others to conserve resources through cooperation, communication and consultation. Our efforts will continue to provide objective scientific reviews, reports, and technical assistance throughout the Service and with other Federal and state agencies, industry and the general public in support of the DOI strategic goals. The program has no FY 2003 annual performance goals/ measures to report; however, the program anticipates that it will accomplish the following key tasks:

- Continuing to investigate and remediate the impacts of contaminants left by previous owners, or contaminants from other sources, on Service lands and resources, accomplished through On and Off Refuge investigations.
- Working with all Service programs providing expertise, scientific review, and technical assistance in evaluating contaminant relationships to Service activities.
- Where appropriate, using Integrated Pesticide Management techniques to assist agricultural interests on and/or near Service lands with pest control, while protecting Service resources.

<u>Wise Use of Pesticides</u>	FY 2002 Actual	FY 2003 Estimate	Difference
# Pesticide Use Proposals Reviewed	1,432	1,478	+46
# IPM Technical Assistance	378	345	-33

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# Technical Assistance to Tribes	6	5	-1
# Technical Assistance to other Service Programs	2,002	2,226	+224

- Restoring injured resources with funds recovered during Natural Resource Damage Assessments.
- Working with EPA to provide technical assistance and consultation on issues dealing with the *Clean Water Act* and pesticide registration and re-registration.
- Working with agricultural users, noxious weed control districts and mosquito control districts to ensure pesticides used on Service lands are accomplishing their intended purposes, while protecting Service resources.
- Providing technical assistance to EPA to protect natural resources during and after Superfund site remediation. Early involvement in the planning process for these sites allows the Service to provide information resulting in cleanup of sites for the benefit of the environment.
- Continuing to respond to spills of oil and releases of hazardous substances that affect Service resources. The Service works with the U.S. Coast Guard, the EPA, the states, and the public to protect trust resources during spills of oil and releases of hazardous substances.
- Continuing to provide technical assistance and integration into prevention activities and actively participate in formulating local and regional response plans for oil spills and hazardous materials releases and participating in oil spill and hazardous material drills .

Spill Response and Remediation <i>Workload Measures</i>	FY 2002 Actual	FY 2003 Estimate	Difference
# Oil/Hazardous Substance Spill Drills	173	175	+2
# Oil Spill Reports Received from the National Response Center	12,307	13,000	+693
# Oil Spills Evaluated	9,158	9,250	+92
# Service Oil Spill Response Actions	237	250	+13
# Oil Spills On and/or Affecting NWRs	338	400	+62
# Hazardous Materials Release Reports Received	5,696	5,750	+54
# Hazardous Material Release Responses	475	500	+25
# Hazardous Material Releases Affecting Refuges	104	150	+46
# Superfund Technical Assistance Sites	397	425	+28

Justification of Program Changes

Subactivity	2004 Budget Request	Program Changes (+/-)
Environmental Contaminants \$(000) FTE	10,805,000 106	-69,000 -4

The FY 2004 Budget Request for Environmental Contaminants program is \$10,805,000, a net program decrease of \$69,000 from the 2003 President's budget request level.

Travel Reduction (-\$42,000) - The request includes a \$42,000 reduction for travel expenses to be accomplished by curtailing unnecessary travel and relocation costs, as well as increased teleconferencing and use of central meeting locations.

The Service employs approximately 8,000 permanent full-time staff at approximately 700 field stations supported by seven regional offices and the Washington D.C. headquarters office. Many of the staff transfer from one field location to another or accept assignments at the Washington or regional offices to expand their professional experience or increase the level of responsibility in the organization. Service employees frequently travel to meetings such as professional association national, state or local chapter quarterly and annual meetings. The Service recognizes that there is significant benefit to be obtained by having employees work at different locations and at increasing levels of responsibility. The proposed decrease will not eliminate the opportunity for relocating, but will increase the time between moves.

Direct, mission related travel and travel associated with training will not be impacted by the proposed reduction. The Service will carefully evaluate policies and procedures related to attendance at meetings and conferences and will institute policies to limit redundancy in attendance.

IT Reduction (-\$27,000) - The Department is undertaking significant information technology reforms to improve the management of IT investments, to improve the security of systems and information, and to realize short and long-term efficiencies and savings. The Department is taking a corporate approach that will include consolidated purchases of hardware and software, and the review of select IT functions including centralized help desks, email support, web services, centralized network management, and coordination of training. The Service estimates a savings of \$6.6 million by participating in these Departmental efforts.

In addition, the Service will achieve an additional \$2 million in savings in other operational IT investments by centralizing management of geographic software, implementing desktop standards, consolidation of the Service messaging platform and other similar activities.

The Environmental Contaminants program's share of this reduction of \$27,000 reflects the anticipated savings from these cost cutting measures and reforms.

2004 Program Performance Summary

Environmental Contaminants

DOI Draft Strategic Goal: <u>Resource Protection</u> - End Outcome Goal: Improve Health of Watersheds, Landscapes, and Marine Resources that are DOI Managed or Influenced in a Manner Consistent with Obligations Regarding the Allocation and Use of Water					
DOI End Outcome Measure: Wetland, Riparian and Upland Areas: X% of acres or stream/shoreline miles achieving desired conditions as specified in management plans consistent with applicable substantive and procedural requirements of State and Federal Water Law. <i>(At this time this program is not contributing to this end outcome measure. The program is using this measure as a link to the Draft DOI Strategic Plan.)</i>					
DOI Intermediate Strategy: <i>Restore and maintain proper function of watersheds and landscapes</i>					
<u>DOI Intermediate Outcome Measures / FWS Performance Measures</u>	FY 2001 Actual	FY 2002 Actual	FY 2003 Plan (as of 12/02)	FY 2004 Plan	Change (2003 to Proposed 2004)
<u>Land Contamination:</u> Number of completed contaminant investigations and restorations on Refuges	25	39	39	41	+2
<u>Land Contamination:</u> Number of Pesticide proposals reviewed	1,000	1076	1128	1167	+39
<u>Land Contamination:</u> Number of Technical Assistance projects completed		5,782	6,160	6,728	+568

DOI Draft Strategic Goal: <u>Resource Protection</u> - End Outcome Goal: Sustain Biological Communities on DOI Managed and Influenced Lands and Waters in a Manner Consistent with Obligations Regarding the Allocation and Use of Water					
DOI End Outcome Strategy: % of populations of threatened and endangered species listed a decade or more that are stabilized or improved <i>(At this time this program is not contributing to this end outcome measure. The program is using this measure as a link to the Draft DOI Strategic Plan.)</i>					
DOI Intermediate Strategy: <i>Create habitat conditions for biological communities to flourish</i>					
<u>DOI Intermediate Outcome Measures / FWS Performance Measures</u>	FY 2001 Actual	FY 2002 Actual	FY 2003 Plan (as of 12/02)	FY 2004 Plan	Change (2003 to Proposed 2004)
<u>Habitat Protection:</u> Number pesticide registration consultations completed	100	162	212	242	+30
<u>Habitat Protection:</u> Number of CWA consultations completed (NPDES, TMDL's)	10,000	12,697	14,082	15,634	+1,552
<u>Habitat Protection:</u> Number of Water Quality Standard Consultations completed	4,000	5,981	6,408	6,852	+444

DOI Draft Strategic Goal: Resource Protection - End Outcome Goal: Sustain Biological Communities on DOI Managed and Influenced Lands and Waters in a Manner Consistent with Obligations Regarding the Allocation and Use of Water					
DOI End Outcome Measure: % of species of management concern that are managed to self-sustaining levels, in cooperation with affected States and others, as defined in approved management plans. <i>(At this time this program is not contributing to this end outcome measure. The program is using this measure as a link to the Draft DOI Strategic Plan.)</i>					
DOI Intermediate Strategy: Create habitat conditions for biological communities to flourish					
DOI Intermediate Outcome Measures / FWS Performance Measures	FY 2001 Actual	FY 2002 Actual	FY 2003 Plan (as of 12/02)	FY 2004 Plan	Change (2003 to Proposed 2004)
Habitat Protection: Number of completed contaminant investigations	10	10	10	12	+2
Habitat Protection: Number of spill prevention activities and spill responses	425	406	450	505	+5
Habitat Restoration: Number of ongoing NRDAR cases and final Settlements	200	209	223	242	+19
Habitat Restoration: Number of biological populations restored due to NRDAR	-	-	2	2	0
Habitat Restoration: Number of acres restored due to NRDAR	-	-	1,000	1,000	0
Habitat Restoration: Number of miles restored due to NRDAR	-	-	10	10	0

DOI Draft Strategic Goal: Recreation - End Outcome Goal: Improve Access to Appropriate Recreation Opportunities on DOI Managed or Partnered Lands and Waters					
DOI End Outcome Measure: % of DOI recreation areas where visitation goals as set forth by resource management plans or by local managers have been achieved. <i>(At this time this program is not contributing to this end outcome measure. The program is using this measure as a link to the Draft DOI Strategic Plan.)</i>					
DOI Intermediate Strategy: Improve capacities to provide access for recreation					
DOI Intermediate Outcome Measures / FWS Performance Measures	FY 2001 Actual	FY 2002 Actual	FY 2003 Plan (as of 12/02)	FY 2004 Plan	Change (2003 to Proposed 2004)
Recreational Opportunities: Number of Settlements having a recreational component	-	-	10	10	0

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